84301/BLK

Ziton series ZP7-SB1 surface mount detector base

General

The 84301/BLK is a standard, BLACK mounting base allowing any ZP700/ZX800 series addressable detector to be removed or replaced without disconnecting loop wiring from detector terminals. The detectors plug into the base with a simple twist and lock action, allowing quick and easy removal for cleaning and servicing, or re-selection of the device type should the usage of the protected area change.

Forming an integral part of the overall detector assembly, this standard base is provided with slots for screw fixing direct to ceiling structures, to auxiliary wiring plates, or conduit boxes with screw fixing centres between 50 mm and 90 mm.



Robust wiring terminals

The base features robust wiring terminals with captive clamping washers to ensure secure wiring termination. They are of shallow design with ample space to accommodate cables of all types. Terminals are provided inside the moulding for loop connections and the termination of cable screening. Provision is also made for the connection of a remote LED when required.

Automatic locking option

In order to prevent unauthorised removal of a detector from its base, an automatic locking breakout is incorporated into all detector mouldings. If the breakout is removed, detectors can only be released from their bases by use of a special tool. The locking facility is an easily applied option often implemented on site at the system commissioning stage.

Matching spaces for address labels are provided on detector and base mouldings ensuring that when removed, they are replaced in the correct location. The address number facility also enables detectors to be easily identified when viewed from floor level.

Details

- Common to all ZP7 and ZX8 series black detectors
- Automatic locking option
- Address identification label
- Easy to install

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Technical specifications

General

Compatibility	Ziton ZP7 and ZX8 series addressable detectors
Connectivity	2-wire loop

Electrical

No. of cable cores	2
Terminals	5, Loop +ve in/out, Loop -ve in/out, Cable screen continuity, Remote LED +ve, Remote LED -ve

Physical

Physical dimensions	108 x 18 mm (Ø x H)
Net weight	52 g
Colour	Black (RAL 9005)
Mounting type	Back box, Ceiling mount
Cable entries	1
Material (body)	Moulded ABS
Fixing centres	50 to 90 mm
Finish	Medium gloss

Environmental

Vandal proof	No
Operating temperature	-10 to +75ºC
Relative humidity	20 to 95% noncondensing
Environment	Indoor

Regulatory

Compliancy	BS5446-2, CE, REACH, RoHS 3, WEEE
Certification	CPR
Standards	EN54 in combination with detector

Compatible products

Category	Reference	Description
Detection device	ZX832-3B	Ziton series addressable multisensor (Optica/heat)

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